



St. Francis

College for Women

Begumpet, Hyderabad-500016

(Autonomous & Affiliated to Osmania University)
NAAC Re-accredited with 'A' Grade 4th Cycle



जैवप्रौद्योगिकी विभाग

DEPARTMENT OF
BIOTECHNOLOGY

ST. FRANCIS COLLEGE FOR WOMEN, HYDERABAD

ACADEMIC YEAR 2023 - 2024

DEPARTMENT OF ELECTRONICS

Report on Workshop on “Robotics”

Date: 18th & 19th January, 2024.

Time: 9.00 a.m. to 4.00 p.m.

Brochure:

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DBT STAR COLLEGE
(Under Strengthening Component)

Department of Electronics

In association with Pantech E Learning
organizes
2-day hands on Training on

“Robotics”

Pantech e Learning
DIGITAL LEARNING SIMPLIFIED

for students of B.sc IE, IIE and IIIIE

Date : 18 & 19, January 2024 | Time : 09.00 A.M to 4.00 P.M | Venue : Electronics Lab

The Department of Electronics organized a 2-day hands on training workshop on the topic “Robotics” under DBT STAR COLLEGE, Strengthening Component, for the B.Sc. students of I/ II / III year (M.E.CS) on the 18th and 19th of January 2024. Around 40 students and 2 faculty members participated. The hands-on training was conducted in association with Pantech E learning Pvt Ltd.



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Objectives:

- To provide an introduction to Robotics and Automation including robot classification, design and selection, analysis and applications in industry.
- To create intelligent machines that can assist humans in a variety of ways.
- To expose students to the history and current developments in the field of robotics;
- To prepare the students for the future job market.

Outcomes: The students learned about

- Knowledge of computer operating systems, hardware and software, Arduino IDE and embedded C programming.
- Designing a serial robot, line following robot, obstacle sensing robot and more.
- Applying logic for selection of robotic sub systems.
- Analyzing basics of principles of robot system integration.

Pictures:





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